

PRIOR ART

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(54) NANO-PARTICLE COMPOSITE POLYMER

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a transparent polymer or coating resin having excellent durability without deteriorating the transparency and the color tone.

SOLUTION: The nano-particle composite polymer is produced by compounding a transparent resin with  $\leq 10$  vol.% inorganic nano-particles having particle diameter of  $\leq 100$  nm.